

MAIN INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/22/2015, 9/23/2015, 9/24/2015	Man Days: 3
Inspection Unit: Effingham	
Location of Audit: Effingham	
Exit Meeting Contact: Kevin Glaspy	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: 2100 Bourgeois Road, Effingham, Illinois	Construction Performed By: Ameren Illinois Crew	
Contractor Foreman:	No contractors on this job	
Operator Inspector:	Kevin Glaspy, Quality Assurance	
Person(s) On Job Site		
Dexter Hille	Jim Brian	
Description of Construction: An Ameren crew was installing a new gas main of 4 inch Driscopex pipe at 2100 Bourgeois Road in Effingham, Illinois.		

MAIN INSTALLATION		Status
[192.55]	Steel	No
<u>General Comment:</u> <i>No steel pipe was being installed at this job site.</i>		
[192.59]	PE	Yes
<u>General Comment:</u> <i>The new gas main being installed was 4 inch Driscopex pipe.</i>		
[192.59]	Other	No

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<u>General Comment:</u>		
<i>No other pipe was being installed during this audit.</i>		
[192.5]	Class location :	class 3
[192.619,192.621,192.623]	MAOP	60# MAOP
[192.63]	Pipe Size :	4 Inch
[192.55,192.59]	Specification :	ASTM D-2513
[192.55,192.59]	Manufacturer :	Driscoplex
[192.55,192.59]	Pipe Grade :	PE 3408/4710
[192.55,192.59]	Wall Thickness :	0.391
[192.63(a)(2)]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
<u>General Comment:</u>		
<i>Pipe and fittings were properly marked for use on this job.</i>		
[192.227]	Date of Welder qualification:	Not Applicable
<u>General Comment:</u>		
<i>No welding was performed on this job.</i>		
[192.227]	Welder's Name:	Not Applicable
<u>General Comment:</u>		
<i>No welding was performed on this job.</i>		
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
<u>General Comment:</u>		
<i>The gas main was installed according to the O&M procedures.</i>		
[192.285]	Date of Plastic Joining Qualification :	2-12-15 to 2-12-16
[192.285]	Joiner's name:	Dexter Hille
[192.455]	Is buried metallic pipe coated?	Not Applicable
<u>General Comment:</u>		
<i>The area where work was being performed was all plastic pipe.</i>		
[192.461]	Does coating meet 192.461?	Not Applicable
<u>General Comment:</u>		
<i>This was an all plastic system.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	Not Applicable
<u>General Comment:</u>		

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<i>This was an all plastic system.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	Not Applicable
<u>General Comment:</u> <i>This was an all plastic system.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	Not Applicable
<u>General Comment:</u> <i>This was an all plastic system.</i>		
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Not Applicable
<u>General Comment:</u> <i>This was an all plastic system.</i>		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Not Applicable
<u>General Comment:</u> <i>No underground metallic structures in the area of work being performed.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Not Applicable
<u>General Comment:</u> <i>There were no above ground piping installed during this audit.</i>		
[192.303]	Are comprehensive written construction specifications available and adhered to?	Satisfactory
<u>General Comment:</u> <i>Ameren had written specification with them during this installation.</i>		
[192.305]	Are inspections performed by the operator to check adherence to the construction specifications?	Satisfactory
<u>General Comment:</u> <i>Pipe was installed according to written procedures.</i>		
[192.307]	Is material being visually inspected at the site of installation to ensure against damage that could impair its serviceability?	Satisfactory
<u>General Comment:</u> <i>Pipe was inspected by employees at the site before being installed into the ditch.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
<u>General Comment:</u> <i>Pipe was back-filled to provide support and prevent damage to the pipe.</i>		

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[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Satisfactory
<u>General Comment:</u> <i>Pipe was installed to minimize shear and tensile forces on the pipe.</i>		
[192.321(e)]	Does plastic pipe have means of locating while underground?	Satisfactory
<u>General Comment:</u> <i>Tracer wire was included with the pipe in the ditch.</i>		
[192.325]	Are required clearances from underground structures being maintained?	Not Applicable
<u>General Comment:</u> <i>No other underground structures are in the area of the pipe installation.</i>		
[192.327]	Is required cover being obtained appropriate to type of pipeline and location?	Satisfactory
<u>General Comment:</u> <i>Pipe was installed at about 36 inches deep.</i>		
[192.503]	Are general testing requirements being met?	Not Applicable
<u>General Comment:</u> <i>Staff did not see the pressure test on this main.</i>		
[192.517]	Are records being made of strength and leak tests?	Not Applicable
<u>General Comment:</u> <i>Staff did not see the pressure test on this main.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed the operator qualification of the employees on this job.</i>		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	Not Applicable
<u>General Comment:</u> <i>All employees on this job were qualified for the work.</i>		
[192.805(c)]	Were span of control limitations being followed?	Not Applicable
<u>General Comment:</u> <i>All employees on this job were qualified for the work.</i>		
Was a Protocol 9 (Form 15) Completed?		No
<u>General Comment:</u>		

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A protocol 9 form was not completed at this job site.

[192.614]	Were One Call Notifications performed as required?	Satisfactory
[192.614]	Dig Ticket #	A002582485
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	Satisfactory
<u>General Comment:</u> <i>Steps were taken to minimize accidental ignition at the time of installation of this pipe.</i>		
[192.719(b)]	Was each repair made by welding to a transmission line made in accordance with 192.713, 192.715, and 192.717 and examined in accordance with 192.241?	Not Applicable
<u>General Comment:</u> <i>No welding was performed on this job.</i>		

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